

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A system for controlling processes associated with streams of application data for a communication network including a plurality of communication stations configured to exchange data streams and connected to a plurality of communication terminals provided with at least one application and one core containing information representative of said application, the system for controlling processes comprising:

a terminal of said plurality of communication terminals including,

a core associated with an operating system of said terminal and configured to store information associated with said streams of application data;

a first module associated with said terminal and configured to,
receive a message designating an application, and
deliver service data representative of at least one process
associated with said designated application;

a second module associated with said terminal and configured to,
receive a stream of data sent by said terminal,

access the core to determine the application associated with said received stream, and

deliver said message to said first module based on said determined application; and

a controller associated with said terminal and configured to,
receive service data delivered by said first module, and
deliver configuration data to at least one of the plurality of
communication stations, the configuration data being associated with the
service data, the configuration data configured to enable the at least one
communication station to one of modify and establish a communicative link to
the terminal such that the communicative link supports at least one process
suited to the requirements of requirement associated with the application
associated with the received stream by the communication station to which the
terminal from which said stream came is connected.

2. (Previously Presented) The system claimed in claim 1, wherein
said core includes an interface for real time control of the data streams associated
with said application, and

said second module is configured to access said control interface to determine the
application associated with said received stream, upon receiving a data stream.

3. (Previously Presented) The system claimed in claim 1, further comprising:
memory configured to store a table of correspondences between said application
and said service data, wherein said first module is configured to access said memory to
determine service data stored in correspondence with said designated application, upon
receiving a message designating an application.

4. (Previously Presented) The system claimed in claim 3, wherein
said first module is configured to send a user via a graphical interface of the
communication terminal a message requesting said service data associated with the

designated application, if service data corresponding to the designated application is not stored in said memory.

5. (Previously Presented) The system claimed in claim 3, wherein said second module is configured to update said correspondence table based on information received from the terminal.

6. (Previously Presented) The system claimed in claim 5, wherein said information received is contained in a configuration file received by the terminal.

7. (Previously Presented) The system claimed in claim 5, wherein said information received is delivered by a graphical interface of the terminal.

8. (Previously Presented) The system claimed in claim 1, wherein said second module is installed in a protocol stack of said core.

9. (Previously Presented) The system claimed in claim 1, wherein at least one of said communication stations includes at least one protocol stack arranged in layers, including a MAC layer, and said controller is configured to deliver configuration data for configuring said MAC layer as a function of the requirements associated with a stream to be transmitted or received, upon receiving service data.

10. (Previously Presented) The system claimed in claim 1, wherein said first module is configured to deliver to said controller service data representative of at least one process associated with streams to be received from an application installed in a remote communication terminal.

11. (Previously Presented) The system claimed in claim 1, wherein said controller is configured to deliver said configuration data on receiving an authorization delivered by a central server of said network.

12. (Previously Presented) The system claimed in claim 1, wherein said first module and said controller are configured to exchange service messages containing said service data in accordance with an exchange protocol chosen from at least one of a proprietary protocol, the SNMP, the XML protocol, and the RSVP.

13. (Previously Presented) The system claimed in claim 1, wherein said process is chosen from a group including at least one of quality of service, encryption, authentication, session set-up, stream prioritization, and stream elimination.

14-15. (Cancelled).

16. (Previously Presented) A communication station including said controller of a control system as claimed in claim 1.

17. (Original) The communication station claimed in claim 16, taking the form of a satellite terminal.

18. (Previously Presented) A communication network including said plurality of communication stations and said plurality of communication terminals as claimed in claim 1.

19. (Original) The communication network claimed in claim 18, chosen in a group including at least satellite networks and wireless networks.

20. (Previously Presented) The system claimed in claim 1, wherein
the terminal includes a processor,
the first module includes code segments configured to perform the functions of
the first module when executed by the processor, and
the second module includes code segments configured to perform the functions of
the second module when executed by the processor.

*** END CLAIM LISTING ***